

EAST Search History

Ref #	Hits	Search Query	DBs	Default Operator	Plurals	Time Stamp
S1	2	((("6727522") or ("6878962")).PN.	US-PGPUB; USPAT; USOCR	OR	OFF	2007/10/29 16:34
S4	1	2001JP-0086175.AP,PRAI.	DERWENT	OR	ON	2007/11/05 10:23
S5	2	2001JP-0274333.AP,PRAI.	DERWENT	OR	ON	2007/10/29 16:55
S6	1	("20030047785").PN.	US-PGPUB; USPAT; USOCR	OR	OFF	2007/11/05 07:56
S7	1	2003JP-0177272.AP,PRAI.	DERWENT	OR	ON	2007/10/29 16:55
S8	1	2004JP-0079273.AP,PRAI.	DERWENT	OR	ON	2007/10/29 16:55
S9	1	("20030047785").PN.	US-PGPUB; USPAT; USOCR	OR	OFF	2007/10/30 09:14
S10	0	S9 and resin	US-PGPUB; USPAT; USOCR	OR	ON	2007/10/30 08:13
S11	1024	(257/43).CCLS.	US-PGPUB; USPAT; USOCR	OR	OFF	2007/10/30 08:41
S12	1	S11 and ((ZnO or (zinc adj oxide)) with semiconductor with poly\$crystal\$4)	US-PGPUB; USPAT; USOCR	OR	ON	2007/10/30 08:43
S13	91	S11 and ((ZnO or (zinc adj oxide)) with semiconductor)	US-PGPUB; USPAT; USOCR	OR	ON	2007/10/30 09:42
S14	60	S13 and @ay <= "2003"	US-PGPUB; USPAT; USOCR	OR	ON	2007/10/30 09:41
S15	10	("2003/0047785").URPN.	USPAT	OR	ON	2007/10/30 09:14
S16	22	("20010010567" "20020022307" "20030047785" "20030122122" "20030189205" "20040113149" "20060060857" "4065781" "5457460" "5744864" "5793889" "5835641" "5999652" "6160998" "6215731" "6232157" "6255942" "6312304" "6496777" "6677571" "6795772" "6967616").PN. OR ("7265003").URPN.	US-PGPUB; USPAT; USOCR	OR	ON	2007/10/30 09:18
S17	1	("6570184").PN.	US-PGPUB; USPAT; USOCR	OR	OFF	2007/10/30 09:18

S18	0	S17 and (ZnO or (zinc adj oxide))	US-PGPUB; USPAT; USOCR	OR	ON	2007/11/05 08:45
S19	78	("3283221" "3304469" "3391354" "3493812" "3541678" "3590471" "3671820" "3739240"). PN. OR ("4065781").URPN.	US-PGPUB; USPAT; USOCR	OR	ON	2007/10/30 09:24
S20	7	S16 and (ZnO or (zinc adj oxide))	US-PGPUB; USPAT; USOCR	OR	ON	2007/10/30 09:36
S21	3	S19 and (ZnO or (zinc adj oxide))	US-PGPUB; USPAT; USOCR	OR	ON	2007/10/30 09:39
S22	7	S15 and (ZnO or (zinc adj oxide))	US-PGPUB; USPAT; USOCR	OR	ON	2007/10/30 10:02
S23	384	(257/613).CCLS.	US-PGPUB; USPAT; USOCR	OR	OFF	2007/10/30 09:41
S24	21	S23 and ((ZnO or (zinc adj oxide)) with semiconductor)	US-PGPUB; USPAT; USOCR	OR	ON	2007/10/30 09:56
S25	66	S11 and (ZnO or (zinc adj oxide)) not S13	US-PGPUB; USPAT; USOCR	OR	ON	2007/10/30 09:43
S26	42	S25 and @ay <= "2003"	US-PGPUB; USPAT; USOCR	OR	ON	2007/10/30 09:43
S27	12	S24 and @ay <= "2003"	US-PGPUB; USPAT; USOCR	OR	ON	2007/10/30 09:44
S28	30	S23 and (ZnO or (zinc adj oxide)) not S24	US-PGPUB; USPAT; USOCR	OR	ON	2007/10/30 10:02
S29	115	(257/E21.372).CCLS.	US-PGPUB; USPAT; USOCR	OR	OFF	2007/10/30 10:02
S30	0	S29 and (ZnO or (zinc adj oxide))	US-PGPUB; USPAT; USOCR	OR	ON	2007/10/30 10:03
S31	106	(257/E29.273).CCLS.	US-PGPUB; USPAT; USOCR	OR	OFF	2007/10/30 10:02
S32	13	S31 and (ZnO or (zinc adj oxide))	US-PGPUB; USPAT; USOCR	OR	ON	2007/10/30 10:13
S33	1032	(257/E27.06).CCLS.	US-PGPUB; USPAT; USOCR	OR	OFF	2007/10/30 10:16
S34	5	S33 and (ZnO or (zinc adj oxide)) and @ay <= "2003"	US-PGPUB; USPAT; USOCR	OR	ON	2007/10/30 10:16
S35	13	(257/E29.169).CCLS.	US-PGPUB; USPAT; USOCR	OR	OFF	2007/10/30 10:16
S36	0	S35 and (ZnO or (zinc adj oxide)) and @ay <= "2003"	US-PGPUB; USPAT; USOCR	OR	ON	2007/10/30 10:17
S37	0	S35 and (ZnO or (zinc adj oxide))	US-PGPUB; USPAT; USOCR	OR	ON	2007/10/30 10:16
S38	129	(257/E29.242).CCLS.	US-PGPUB; USPAT; USOCR	OR	OFF	2007/10/30 10:17

S39	2	S38 and (ZnO or (zinc adj oxide)) and @ay <= "2003"	US-PGPUB; USPAT; USOCR	OR	ON	2007/10/30 10:17
S40	106	(257/E29.273).CCLS.	US-PGPUB; USPAT; USOCR	OR	OFF	2007/10/30 10:21
S41	4	S40 and (ZnO or (zinc adj oxide)) and @ay <= "2003"	US-PGPUB; USPAT; USOCR	OR	ON	2007/10/30 10:22
S42	35	(257/E21.051).CCLS.	US-PGPUB; USPAT; USOCR	OR	OFF	2007/10/30 10:22
S43	1	S42 and (ZnO or (zinc adj oxide)) and @ay <= "2003"	US-PGPUB; USPAT; USOCR	OR	ON	2007/11/05 13:47
S44	14	(257/E21.4).CCLS.	US-PGPUB; USPAT; USOCR	OR	OFF	2007/10/30 10:22
S45	0	S44 and (ZnO or (zinc adj oxide)) and @ay <= "2003"	US-PGPUB; USPAT; USOCR	OR	ON	2007/10/30 10:22
S46	115	(257/E21.372).CCLS.	US-PGPUB; USPAT; USOCR	OR	OFF	2007/10/30 10:22
S47	0	S46 and (ZnO or (zinc adj oxide)) and @ay <= "2003"	US-PGPUB; USPAT; USOCR	OR	ON	2007/10/30 10:23
S48	173	((ZnO or (zinc adj oxide)) with ((thin adj film adj transistor) or TFT)) and @ay <= "2003"	US-PGPUB; USPAT; USOCR	OR	ON	2007/11/05 09:10
S49	1	("20040038446").PN.	US-PGPUB; USPAT; USOCR	OR	OFF	2007/10/30 10:50
S50	0	S49 and (hydrogen or nitrogen)	US-PGPUB; USPAT; USOCR	OR	ON	2007/10/30 10:50
S51	4	("2002/0056838").URPN.	USPAT	OR	ON	2007/10/30 11:05
S52	1	("20030047785").PN.	US-PGPUB; USPAT; USOCR	OR	OFF	2007/11/05 10:08
S53	1	S52 and (nitrogen or hydrogen or univalent)	US-PGPUB; USPAT; USOCR	OR	ON	2007/11/05 08:12
S54	0	S52 and resin	US-PGPUB; USPAT; USOCR	OR	ON	2007/11/05 07:57
S55	1	("20020056838").PN.	US-PGPUB; USPAT; USOCR	OR	OFF	2007/11/05 08:12
S56	1	S55 and (nitrogen or hydrogen or univalent or resin)	US-PGPUB; USPAT; USOCR	OR	ON	2007/11/05 09:06

S57	9	((("4204217") or ("5864149") or ("5942756") or ("6087205") or ("6420032") or ("6773941") or ("6850005") or ("20020056838") or ("20040085279")).PN.	US-PGPUB; USPAT; USOCR	OR	OFF	2007/11/05 08:45
S58	4	S57 and (ZnO or (zinc adj oxide))	US-PGPUB; USPAT; USOCR	OR	ON	2007/11/05 09:37
S59	1	("5625199").PN.	US-PGPUB; USPAT; USOCR	OR	OFF	2007/11/05 09:06
S60	0	S59 and (nitrogen or hydrogen or resin)	US-PGPUB; USPAT; USOCR	OR	ON	2007/11/05 09:06
S61	26	((hydrogen or "H.sub.2" or nitrogen or "N.sub.2") with (poly\$crystal\$4 or amorphous) with (ZnO or (zinc adj oxide))) and @ay <= "2003"	US-PGPUB; USPAT; USOCR	OR	ON	2007/11/05 12:29
S62	484	((poly\$crystal\$4 or amorphous) with (ZnO or (zinc adj oxide)) with resin) and @ay <= "2003"	US-PGPUB; USPAT; USOCR	OR	ON	2007/11/05 10:31
S63	2	("4743522").PN. OR ("4876168").URPN.	US-PGPUB; USPAT; USOCR	OR	ON	2007/11/05 09:36
S64	1	S63 and (ZnO or (zinc adj oxide))	US-PGPUB; USPAT; USOCR	OR	ON	2007/11/05 09:38
S65	18	("3956525" "4366208" "4376688" "4416755" "4490450" "4495262" "4510224" "4518670" "4544617" "4557987" "4579801" "4634648" "4720444" "4749637").PN. OR ("4863821").URPN.	US-PGPUB; USPAT; USOCR	OR	ON	2007/11/05 09:38
S66	7	S65 and (ZnO or (zinc adj oxide))	US-PGPUB; USPAT; USOCR	OR	ON	2007/11/05 09:38
S67	113	((poly\$crystal\$4 or amorphous) adj (ZnO or (zinc adj oxide))) and @ay <= "2003"	US-PGPUB; USPAT; USOCR	OR	ON	2007/11/05 10:13
S68	1	S52 and (poly\$crystal\$4 or amorphous)	US-PGPUB; USPAT; USOCR	OR	ON	2007/11/05 10:18
S69	4	S67 and (TFT or (thin adj film adj transistor))	US-PGPUB; USPAT; USOCR	OR	ON	2007/11/05 10:17
S70	1	("6727522").PN.	US-PGPUB; USPAT; USOCR	OR	OFF	2007/11/05 10:17
S71	1	S70 and (poly\$crystal\$4 or amorphous)	US-PGPUB; USPAT; USOCR	OR	ON	2007/11/05 11:01

S72	1	2000JP-0137342.AP,PRAI.	DERWENT	OR	ON	2007/11/05 10:23
S73	482	S62 not S67	US-PGPUB; USPAT; USOCR	OR	ON	2007/11/05 10:30
S74	2	S73 and (TFT or (thin adj film adj transistor))	US-PGPUB; USPAT; USOCR	OR	ON	2007/11/05 10:32
S75	2954	((poly\$crystal\$4 or amorphous) with (ZnO or (zinc adj oxide))) and @ay <= "2003" not S67	US-PGPUB; USPAT; USOCR	OR	ON	2007/11/05 10:31
S76	149	S75 and (TFT or (thin adj film adj transistor))	US-PGPUB; USPAT; USOCR	OR	ON	2007/11/05 10:32
S77	6	S57 and (poly\$crystal\$4 or amorphous)	US-PGPUB; USPAT; USOCR	OR	ON	2007/11/05 11:01
S78	3199	((hydrogen or "H.sub.2" or nitrogen or "N.sub.2") with (ZnO or (zinc adj oxide))) and @ay <= "2003" not S61	US-PGPUB; USPAT; USOCR	OR	ON	2007/11/05 12:53
S79	33	S78 and (TFT or (thin adj film adj transistor))	US-PGPUB; USPAT; USOCR	OR	ON	2007/11/05 12:38
S80	1	("20020034861").PN.	US-PGPUB; USPAT; USOCR	OR	OFF	2007/11/05 12:46
S81	1	("5808315").PN.	US-PGPUB; USPAT; USOCR	OR	OFF	2007/11/05 12:46
S82	1	S81 and (hydrogen or "H. sub.2" or nitrogen or "N. sub.2")	US-PGPUB; USPAT; USOCR	OR	ON	2007/11/05 13:47
S83	1	("5677240").PN.	US-PGPUB; USPAT; USOCR	OR	OFF	2007/11/05 12:50
S84	1	S81 and ((ammonia or "NH. sub.3") or (nitrogen or "N. sub.2"))	US-PGPUB; USPAT; USOCR	OR	ON	2007/11/05 12:50
S85	80	((hydrogen or "H.sub.2" or nitrogen or "N.sub.2") with semi\$conductor with (ZnO or (zinc adj oxide))) and @ay <= "2003" not S61	US-PGPUB; USPAT; USOCR	OR	ON	2007/11/05 13:48
S86	1	("20020084455").PN.	US-PGPUB; USPAT; USOCR	OR	OFF	2007/11/05 13:47
S87	1	("20020084455").PN.	US-PGPUB; USPAT; USOCR	OR	OFF	2007/11/05 13:47
S88	0	S87 and (nitrogen or "N. sub.2")	US-PGPUB; USPAT; USOCR	OR	ON	2007/11/05 13:48
S89	1	("20030218221").PN.	US-PGPUB; USPAT; USOCR	OR	OFF	2007/11/12 10:33
S90	0	S89 and ("N.sub.2" with "NH.sub.3")	US-PGPUB; USPAT; USOCR	OR	ON	2007/11/12 10:34
S91	0	S89 and "N.sub.2"	US-PGPUB; USPAT; USOCR	OR	ON	2007/11/12 10:41

S92	1	("20030218222").PN.	US-PGPUB; USPAT; USOCR	OR	OFF	2007/11/12 10:41
S93	1	S92 and (amorphous or poly\$crystal\$4)	US-PGPUB; USPAT; USOCR	OR	ON	2007/11/12 10:43
S94	0	S92 and resin	US-PGPUB; USPAT; USOCR	OR	ON	2007/11/12 10:44
S95	13203	(ZnO or (zinc adj oxide)) with resin	US-PGPUB; USPAT; USOCR	OR	ON	2007/11/13 10:03
S96	126	S95 and ((thin adj film adj transistor) or TFT)	US-PGPUB; USPAT; USOCR	OR	ON	2007/11/12 10:45
S97	75	S96 and @ay <= "2003"	US-PGPUB; USPAT; USOCR	OR	ON	2007/11/13 10:03
S98	144	((channel or semiconductor)) with (ZnO or (zinc adj oxide)) with resin	US-PGPUB; USPAT; USOCR	OR	ON	2007/11/12 11:18
S99	68	S98 and @ay <= "2003" not S97	US-PGPUB; USPAT; USOCR	OR	ON	2007/11/13 09:17
S100	1	("20020056838").PN.	US-PGPUB; USPAT; USOCR	OR	OFF	2007/11/13 09:17
S101	1	S100 and passivation	US-PGPUB; USPAT; USOCR	OR	ON	2007/11/13 10:00
S102	1	("20030047785").PN.	US-PGPUB; USPAT; USOCR	OR	OFF	2007/11/13 09:23
S103	1	S102 and protecting	US-PGPUB; USPAT; USOCR	OR	ON	2007/11/13 10:00
S104	0	S102 and resin	US-PGPUB; USPAT; USOCR	OR	ON	2007/11/13 10:00
S105	1	S100 and resin	US-PGPUB; USPAT; USOCR	OR	ON	2007/11/13 10:00
S106	23	(ZnO or (zinc adj oxide)) with (protecting or passivation) with resin	US-PGPUB; USPAT; USOCR	OR	ON	2007/11/13 10:25
S107	18	S106 and @ay <= "2003"	US-PGPUB; USPAT; USOCR	OR	ON	2007/11/13 10:26
S108	28	((TFT or (thin adj film adj transistor)) with (ZnO or (zinc adj oxide))) and (protecting or passivation) with resin	US-PGPUB; USPAT; USOCR	OR	ON	2007/11/13 10:07
S109	11	S108 and @ay <= "2003"	US-PGPUB; USPAT; USOCR	OR	ON	2007/11/13 10:24
S110	1	("5166816").PN.	US-PGPUB; USPAT; USOCR	OR	OFF	2007/11/13 10:24
S111	30	("4666253" "4705358" "4778258" "4821092" "4855806" "5003356"). PN. OR ("5166816").URPN.	US-PGPUB; USPAT; USOCR	OR	ON	2007/11/13 10:24

S112	3	S111 and (ZnO or (zinc adj oxide))	US-PGPUB; USPAT; USOCR	OR	ON	2007/11/13 10:25
S113	375	(ZnO or (zinc adj oxide)) with polyimide	US-PGPUB; USPAT; USOCR	OR	ON	2007/11/13 10:25
S114	9	S113 and (TFT or (thin adj film adj transistor)) and @ay <= "2003"	US-PGPUB; USPAT; USOCR	OR	ON	2007/11/13 10:26
S115	4	((("20030047785") or ("4204217") or ("20030218222") or ("20020056838")).PN.	US-PGPUB; USPAT; USOCR	OR	OFF	2008/04/11 10:31
S116	1	S115 and (H or hydrogen)	US-PGPUB; USPAT; USOCR	OR	ON	2008/04/11 10:32
S117	1	("20060244107").PN.	US-PGPUB; USPAT; USOCR	OR	OFF	2008/04/11 10:33
S118	1	S117 and hydrogen	US-PGPUB; USPAT; USOCR	OR	ON	2008/04/11 10:33
S119	4	((("20030047785") or ("4204217") or ("20030218222") or ("20020056838")).PN.	US-PGPUB; USPAT; USOCR	OR	OFF	2008/04/11 10:47
S120	0	S119 and ("H.sub.2" or "H.sub.2O")	US-PGPUB; USPAT; USOCR	OR	ON	2008/04/11 10:47
S121	377146	(nitrogen adj monoxide or NO or nitrogen adj dioxide or "NO.sub.2") with (water or "H.sub.2O" or hydrogen adj peroxide or "H.sub.2O.sub.2")	US-PGPUB; USPAT; USOCR	OR	ON	2008/09/04 17:01
S122	20226	S121 and (ZnO or zinc adj oxide)	US-PGPUB; USPAT; USOCR	OR	ON	2008/09/04 17:02
S123	543	S121 with (ZnO or zinc adj oxide)	US-PGPUB; USPAT; USOCR	OR	ON	2008/09/04 17:02
S124	219	S123 and @ad < "20030620"	US-PGPUB; USPAT; USOCR	OR	ON	2008/09/04 17:02
S125	377146	(nitrogen adj monoxide or NO or nitrogen adj dioxide or "NO.sub.2") with (water or "H.sub.2O" or hydrogen adj peroxide or "H.sub.2O.sub.2")	US-PGPUB; USPAT; USOCR	OR	ON	2008/09/04 17:09
S126	1	S125 with (ZnO or zinc adj oxide) with (thin adj film adj transistor or TFT)	US-PGPUB; USPAT; USOCR	OR	ON	2008/09/04 17:09
S127	543	S125 with (ZnO or zinc adj oxide)	US-PGPUB; USPAT; USOCR	OR	ON	2008/09/04 17:11
S128	219	S127 and @ad < "20030620"	US-PGPUB; USPAT; USOCR	OR	ON	2008/09/04 17:11

S129	4263	(nitrogen adj monoxide or nitrogen adj dioxide or "NO.sub.2") with (water or "H.sub.2O" or hydrogen adj peroxide or "H.sub.2O.sub.2")	US-PGPUB; USPAT; USOCR	OR	ON	2008/09/08 08:55
S130	384	S129 and (ZnO or zinc adj oxide)	US-PGPUB; USPAT; USOCR	OR	ON	2008/09/08 08:55
S131	193	S130 and @ad < "20030620"	US-PGPUB; USPAT; USOCR	OR	ON	2008/09/08 08:55
S132	28	("1420888" "3081200" "3655429" "3969549" "4051276" "4105810").PN. OR ("4751149").URPN.	US-PGPUB; USPAT; USOCR	OR	ON	2008/09/08 10:51
S133	0	S132 and (nitrogen adj monoxide or nitrogen adj dioxide or "NO.sub.2") with (water or "H.sub.2O" or hydrogen adj peroxide or "H.sub.2O.sub.2")	US-PGPUB; USPAT; USOCR	OR	ON	2008/09/08 10:51
S134	1	("20030218221").PN.	US-PGPUB; USPAT; USOCR	OR	OFF	2008/09/08 11:06
S135	0	S134 and gas	US-PGPUB; USPAT; USOCR	OR	ON	2008/09/08 11:06
S136	1	("20020034861").PN.	US-PGPUB; USPAT; USOCR	OR	OFF	2008/09/08 11:08
S137	1	S136 and gas	US-PGPUB; USPAT; USOCR	OR	ON	2008/09/08 11:08
S138	1	("20020084455").PN.	US-PGPUB; USPAT; USOCR	OR	OFF	2008/09/08 12:21
S139	0	S138 and (nitrogen adj monoxide or nitrogen adj dioxide or "NO.sub.2") and (water or "H.sub.2O" or hydrogen adj peroxide or "H.sub.2O.sub.2")	US-PGPUB; USPAT; USOCR	OR	ON	2008/09/08 12:21
S140	1	S132 and (nitrogen adj monoxide or nitrogen adj dioxide or "NO.sub.2") and (water or "H.sub.2O" or hydrogen adj peroxide or "H.sub.2O.sub.2")	US-PGPUB; USPAT; USOCR	OR	ON	2008/09/08 12:21
S141	1	("20040004215").PN.	US-PGPUB; USPAT; USOCR	OR	OFF	2008/09/08 12:23
S142	1	S141 and (H or hydrogen)	US-PGPUB; USPAT; USOCR	OR	ON	2008/09/08 12:23
S143	1	("20030186088").PN.	US-PGPUB; USPAT; USOCR	OR	OFF	2008/09/08 12:25

S144	0	S143 and (nitrogen adj monoxide or nitrogen adj dioxide or "NO.sub.2") and (water or "H.sub.2O" or hydrogen adj peroxide or "H.sub.2O.sub.2")	US-PGPUB; USPAT; USOCR	OR	ON	2008/09/08 12:25
S145	1	("20030015719").PN.	US-PGPUB; USPAT; USOCR	OR	OFF	2008/09/08 12:31
S146	0	S145 and (nitrogen adj monoxide or nitrogen adj dioxide or "NO.sub.2") and (water or "H.sub.2O" or hydrogen adj peroxide or "H.sub.2O.sub.2")	US-PGPUB; USPAT; USOCR	OR	ON	2008/09/08 12:31
S147	1	("20020031680").PN.	US-PGPUB; USPAT; USOCR	OR	OFF	2008/09/08 12:32
S148	0	S147 and (nitrogen adj monoxide or nitrogen adj dioxide or "NO.sub.2") and (water or "H.sub.2O" or hydrogen adj peroxide or "H.sub.2O.sub.2")	US-PGPUB; USPAT; USOCR	OR	ON	2008/09/08 12:32
S149	195	(nitrogen adj monoxide or NO or nitrogen adj dioxide or "NO.sub.2") with (nitrogen or N) with (dop \$3 or impurity) and (water or "H.sub.2O" or hydrogen adj peroxide or "H.sub.2O.sub.2") with (hydrogen or H) with (dop\$3 or impurity)	US-PGPUB; USPAT; USOCR	OR	ON	2008/09/08 13:31
S150	84	S149 and @ad < "20030620"	US-PGPUB; USPAT; USOCR	OR	ON	2008/09/08 13:35
S151	6	S150 and (ZnO or zinc adj oxide)	US-PGPUB; USPAT; USOCR	OR	ON	2008/09/08 13:36
S152	4	(ZnO or zinc adj oxide) with (nitrogen adj monoxide or nitrogen adj dioxide or "NO.sub.2") with (dop\$3 or impurity)	US-PGPUB; USPAT; USOCR	OR	ON	2008/09/08 13:39
S153	1	("20040061114").PN.	US-PGPUB; USPAT; USOCR	OR	OFF	2008/09/08 13:42
S154	1	S153 and (H or hydrogen)	US-PGPUB; USPAT; USOCR	OR	ON	2008/09/08 13:42
S155	0	S153 and (water or moisture)	US-PGPUB; USPAT; USOCR	OR	ON	2008/09/08 13:44

9/ 8/ 2008 2:38:48 PM

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